

Application No. 09/693,938
Docket No. 29250-000958/US

IN THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Previously Presented) A frame selection system adapted to:
generate at least one enhanced frame comprising at least one error burst representation;

generate at least one enhanced frame copy comprising at least one error burst representation;

combine an acceptable portion of the enhanced frame with an acceptable portion of the enhanced frame copy based on the error burst representations to form a combined frame of a higher quality than the enhanced frame.
2. (Cancelled)
3. (Previously Presented) The system of claim 1 further adapted to generate a primary enhanced frame.
4. (Previously Presented) The system of claim 1 further adapted to generate a parallel enhanced frame.
5. (Cancelled)
6. (Previously Presented) The system of claim 1 further adapted to store each of the error burst representations within a respective frame.

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7. (Previously Presented) The system of claim 6 further adapted to store each of the error burst representations within a respective frame quality indicator field.
8. (Previously Presented) The system of claim 1 wherein each of the error burst representations comprises an error-start indicator and an error-length indicator.
9. (Previously Presented) The system of claim 8, wherein each of the error-start indicators and the error-length indicators comprise binary code.
10. (Previously Presented) The system of claim 1, wherein the system comprises a wireless communications base station.
11. (Previously Presented) The system of claim 1, wherein the error burst representations are associated with a field or section of a respective frame.
12. (Previously Presented) The system of claim 1 further adapted to evaluate a frame quality of the enhanced frame.
13. (Previously Presented) The system of claim 12 further adapted to analyze at least one error burst representation within the enhanced frame.
14. (Previously Presented) The system of claim 12 further comprising an FSU.

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15. (Previously Presented) The system of claim 1 further adapted to:
accept the enhanced frame if a frame quality of the enhanced frame is
above a threshold; and

discard the enhanced frame and request a replacement copy of the
enhanced frame if the frame quality of the enhanced frame is below the
threshold.

16. (Original) The system of claim 15, wherein the threshold is
associated with a reference error burst length.

17. (Original) The system of claim 15, wherein the threshold
comprises an adjustable threshold associated with one of a plurality of
reference error burst lengths and reference error burst locations.

18. (Previously Presented) The system of claim 12 further adapted to
evaluate the frame quality of the enhanced frame based on a quality of a field
or section of the enhanced frame.

19. (Original) The system of claim 12 wherein the device is further
adapted to generate a combined frame.

20. (Cancelled)

21. (Previously Presented) The system of claim 1 further adapted to
combine an acceptable portion of an enhanced primary frame with an
acceptable portion of an enhanced parallel frame.

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22. (Previously Presented) The system of claim 1 further adapted to combine an acceptable portion from a field or section of the enhanced frame and an acceptable portion from a same field or section of the enhanced frame copy.

23. (Previously Presented) The system of claim 1 further adapted to combine an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

24. (Cancelled)

25. (Previously Presented) A device adapted to analyze at least one error burst representation within an enhanced frame;

analyze at least one error burst representation within an enhanced frame copy;

combine an acceptable portion of the enhanced frame ~~within~~ an acceptable portion of the enhanced frame copy based on the respective error burst representations to form a combined frame of higher quality than the enhanced frame.

26. (Cancelled)

27. (Original) The device of claim 25, wherein the device comprises an FSU.

Frame selection unit.

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28. (Previously Presented) The device of claim 25, further adapted to:
accept the enhanced frame if a frame quality of the enhanced frame is
above a threshold; and

discard the enhanced frame and request a replacement copy of the
enhanced frame if the frame quality of the enhanced frame is below the
threshold.

29. (Original) The device of claim 28, wherein the threshold is
associated with a reference error burst length.

30. (Original) The device of claim 28, wherein the threshold
comprises an adjustable threshold associated with one of a plurality of
reference error burst lengths and reference error burst locations.

31. (Previously Presented) The device of claim 25, further adapted to
evaluate a frame quality of the enhanced frame based on a quality of a field or
section of the enhanced frame.

32. (Original) The device of claim 25, further adapted to generate a
combined frame.

33. (Cancelled)

34. (Previously Presented) The device of claim 25 further adapted to
combine an acceptable portion of an enhanced primary frame with an
acceptable portion of an enhanced parallel frame.

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35. (Previously Presented) The device of claim 25 further adapted to combine an acceptable portion from a field or section of the enhanced frame and an acceptable portion from a same field or section of the enhanced frame copy.

36. (Previously Presented) The device of claim 25 further adapted to combine an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

37. (Cancelled)

38. (Previously Presented) The device of claim 39 wherein the device comprises an FSU.

39. (Previously Presented) A device adapted to combine an acceptable portion of an enhanced frame with an acceptable portion of an enhanced frame copy based on an error burst representation within each frame to form a combined frame of a higher quality than the enhanced frame.

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40. (Previously Presented) The device of claim 39 further adapted to combine an acceptable portion of an enhanced primary frame with an acceptable portion of an enhanced parallel frame.

41. (Previously Presented) The device of claim 39 further adapted to combine an acceptable portion from a field or section of the enhanced frame

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and an acceptable portion from a same field or section of the enhanced frame copy.

42. (Previously Presented) The device of claim 39 further adapted to combine an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

43. (Previously Presented) The device as in claim 39 further adapted to:

evaluate a frame quality of the enhanced frame based on a quality of a field or section of the enhanced frame; and

evaluate a frame quality of the enhanced frame copy based on a quality of a field or section of the enhanced frame copy.

44. (Original) The device of claim 43, wherein the device comprises an FSU.

45. (Previously Presented) A frame selection method comprising:
generating at least one enhanced frame comprising at least one error burst representation;

generating at least one enhanced frame copy comprising at least one error burst representation;

combining an acceptable portion of the enhanced frame with an acceptable portion of the enhanced frame copy based on the error burst

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representations to form a combined frame of a higher quality than the enhanced frame.

46. (Cancelled)

47. (Original) The method of claim 45, further comprising generating an enhanced primary frame.

48. (Original) The method of claim 45, further comprising generating an enhanced parallel frame.

49. (Cancelled)

50. (Previously Presented) The method of claim 45 further comprising storing each of the error burst representations within a respective frame.

51. (Previously Presented) The method of claim 50, further comprising storing each of the error burst representations within a respective frame quality indicator field.

52. (Previously Presented) The method of claim 45 wherein each of the error burst representations comprises an error-start indicator and an error-length indicator.

53. (Previously Presented) The method of claim 52, wherein each of the error-start indicators and the error-length indicators comprise binary code.

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54. (Previously Presented) The method of claim 45 wherein the error burst representations are associated with a particular field or section of a respective frame.

55. (Previously Presented) The method of claim 45 further comprising evaluating a frame quality of the enhanced frame.

56. (Previously Presented) The method of claim 55, further comprising analyzing the at least one error burst representation within the enhanced frame.

57. (Original) The method of claim 55, further comprising:
accepting the enhanced frame if the frame quality of the enhanced frame is above a threshold; and

discarding the enhanced frame and requesting a replacement copy of the enhanced frame if the frame quality of the enhanced frame is below the threshold.

58. (Original) The method of claim 57, wherein the threshold is associated with a reference error burst length.

59. (Original) The method of claim 57, wherein the threshold comprises an adjustable threshold associated with one of a plurality of reference error burst lengths and reference error burst locations.

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60. (Original) The method of claim 55, further comprising evaluating the frame quality of the enhanced frame based on a quality of a field or section of the enhanced frame.

61. (Previously Presented) The method of claim 45 further comprising generating a combined frame.

62. (Cancelled)

63. (Previously Presented) The method of claim 45 further comprising an acceptable portion of an enhanced primary frame with an acceptable portion of an enhanced parallel frame.

64. (Previously Presented) The method of claim 45 further comprising combining an acceptable portion from a field or section of the enhanced frame and an acceptable portion from a same field or section of the enhanced frame copy.

65. (Previously Presented) The method of claim 45 further comprising combining an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

66. (Cancelled)

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67. (Previously Presented) A frame selection method comprising:
analyzing at least one error burst representation within an enhanced
frame;

analyzing at least one error burst representation within an enhanced
frame copy;

combining an acceptable portion of the enhanced frame with an
acceptable portion of the enhanced frame copy based on the error burst
representations to form a combined frame of a higher quality than the
enhanced frames.

68. (Cancelled)

69. (Previously Presented) The method of claim 67, further
comprising:

accepting the enhanced frame if a frame quality of the enhanced frame is
above a threshold; and

discarding the enhanced frame and requesting a replacement copy of the
enhanced frame if the frame quality of the enhanced frame is below the
threshold.

70. (Original) The method of claim 69, wherein the threshold is
associated with a reference error burst length.

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71. (Original) The method of claim 69, wherein the threshold comprises an adjustable threshold associated with one of a plurality of reference error burst lengths and reference error burst locations.

72. (Previously Presented) The method of claim 67, further comprising evaluating a frame quality of the enhanced frame based on a quality of a field or section of the enhanced frame.

73. (Original) The method of claim 67, further comprising generating a combined frame.

74. (Cancelled)

75. (Previously Presented) The method of claim 67 further comprising combining an acceptable portion of an enhanced primary frame with an acceptable portion of an enhanced parallel frame.

76. (Previously Presented) The method of claim 67 further comprising combining an acceptable portion from a field or section of the enhanced frame and an acceptable portion from a same field or section of the enhanced frame copy.

77. (Previously Presented) The method of claim 67 further comprising combining an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

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78. (Cancelled)

79.³⁹ (Previously Presented) A method comprising combining an acceptable portion of an enhanced frame with an acceptable portion of an enhanced frame copy based on an error burst representation within each frame to form a combined frame of a higher quality than the enhanced frame.

80. (Previously Presented) The method of claim 79 further comprising combining an acceptable portion of an enhanced primary frame with an acceptable portion of an enhanced parallel frame.

81. (Previously Presented) The method of claim 79 further comprising combining an acceptable portion from a field or section of the enhanced frame and an acceptable portion from a same field or section of the enhanced frame copy.

82. (Previously Presented) The method of claim 79 further comprising combining an acceptable portion from a field or section of an enhanced primary frame and an acceptable portion from a same field or section of an enhanced parallel frame.

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83. (Previously Presented) The method of claim 79 further comprising:

evaluating a frame quality of the enhanced frame based on a quality of a field or section of the enhanced frame; and

evaluating a frame quality of the enhanced frame copy based on a quality of a field or section of the enhanced frame copy.

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